

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011924\
 Data File : BG060368.D
 Acq On : 19 Jan 2024 14:18
 Operator : MA/JU
 Sample : P1183-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MR-305-25-27

Quant Time: Jan 20 06:31:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	256514	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	1007482	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	742689	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1618412	20.000	ng	0.00
76) Chrysene-d12	21.578	240	1503234	20.000	ng	0.00
86) Perylene-d12	24.745	264	1742351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	1864863	119.576	ng	0.00
7) Phenol-d6	7.095	99	2694404	116.674	ng	0.00
23) Nitrobenzene-d5	9.093	82	1598485	74.920	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	1340522	122.679	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	3552365	66.500	ng	0.00
79) Terphenyl-d14	19.933	244	4605805	73.428	ng	0.00

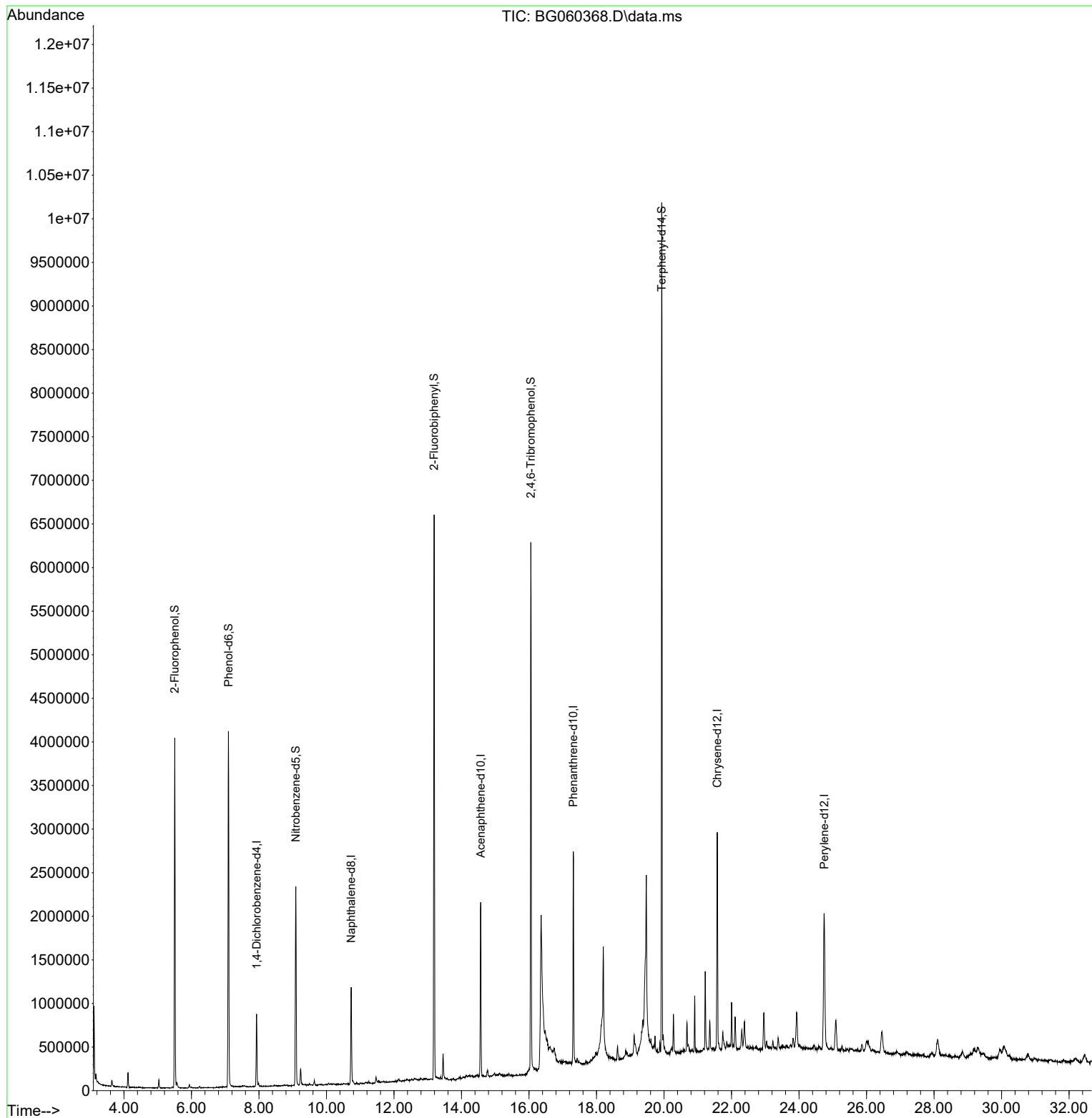
Target Compounds	Qvalue

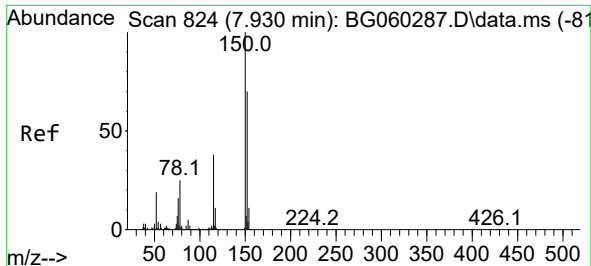
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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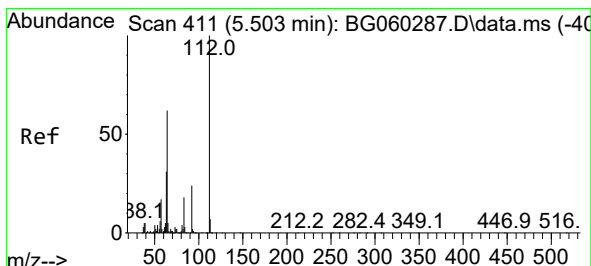
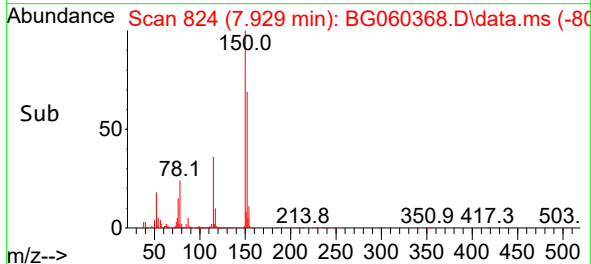
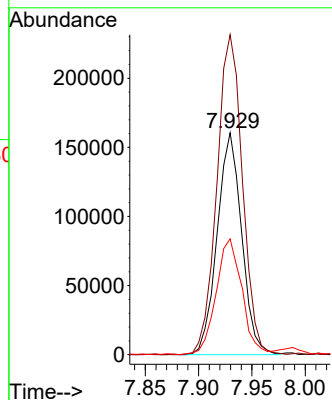
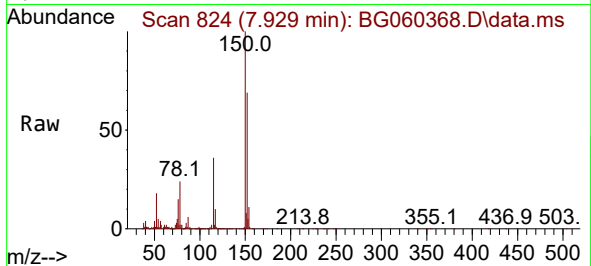




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060368.D
Acq: 19 Jan 2024 14:18

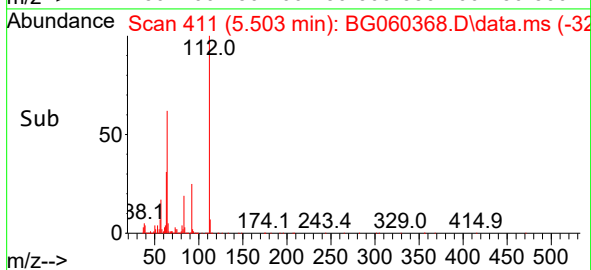
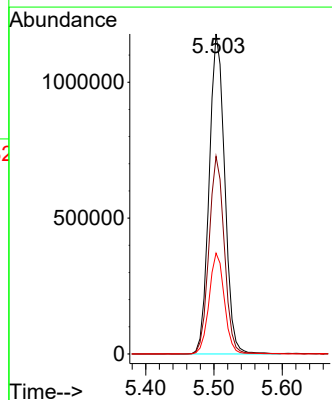
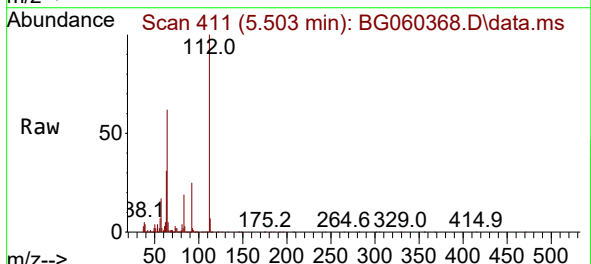
Instrument :
BNA_G
ClientSampleId :
MR-305-25-27

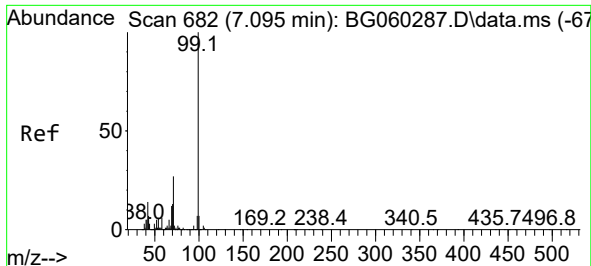
Tgt Ion:152 Resp: 256514
Ion Ratio Lower Upper
152 100
150 144.1 114.5 171.7
115 52.2 43.0 64.6



#5
2-Fluorophenol
Concen: 119.576 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.000 min
Lab File: BG060368.D
Acq: 19 Jan 2024 14:18

Tgt Ion:112 Resp: 1864863
Ion Ratio Lower Upper
112 100
64 61.7 49.8 74.6
63 31.5 24.4 36.6

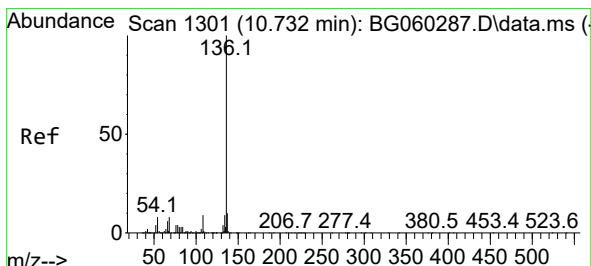
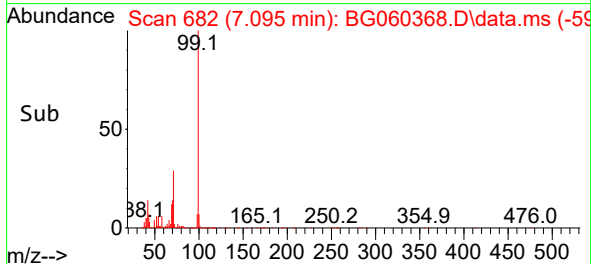
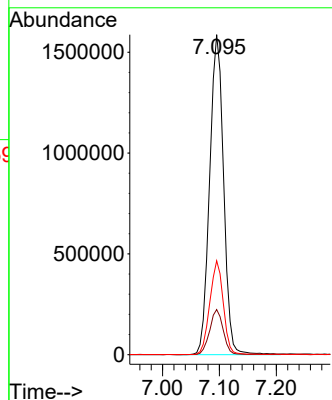
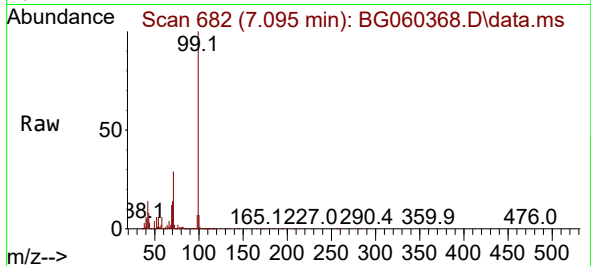




#7
Phenol-d6
Concen: 116.674 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG060368.D
Acq: 19 Jan 2024 14:18

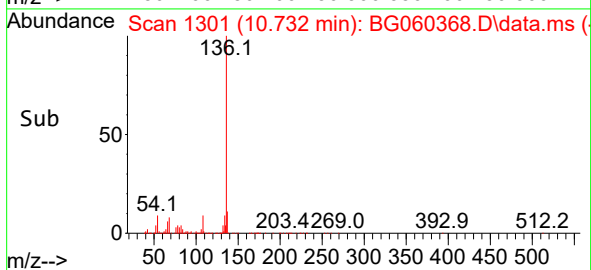
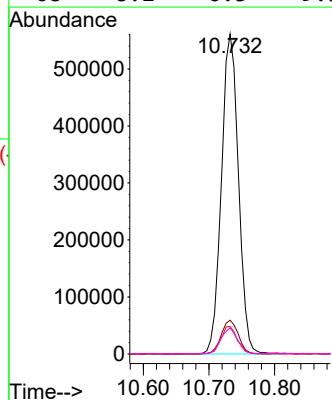
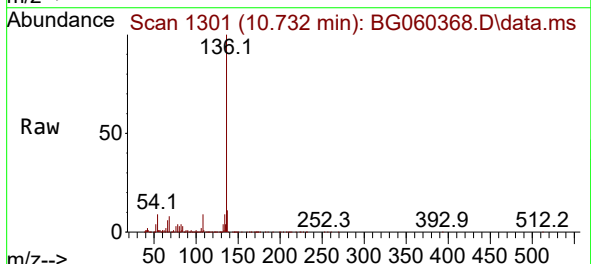
Instrument :
BNA_G
ClientSampleId :
MR-305-25-27

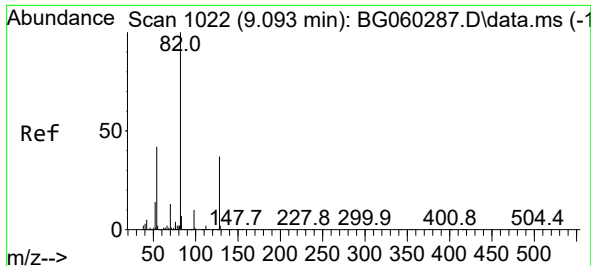
Tgt Ion: 99 Resp: 2694404
Ion Ratio Lower Upper
99 100
42 14.1 10.9 16.3
71 29.3 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BG060368.D
Acq: 19 Jan 2024 14:18

Tgt Ion:136 Resp: 1007482
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.4
54 8.6 6.2 9.2
68 8.2 6.3 9.5

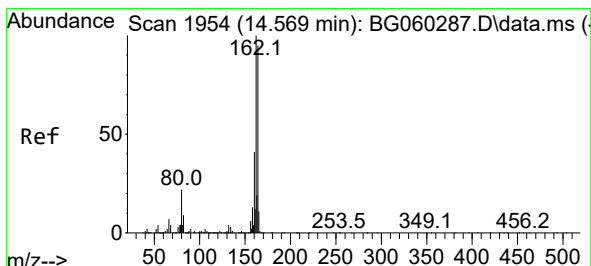
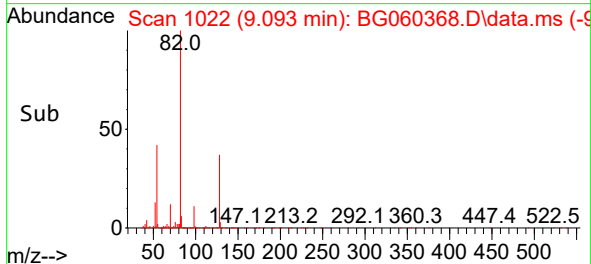
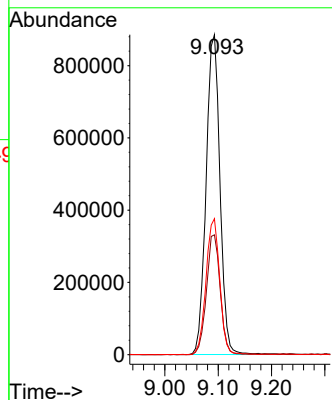
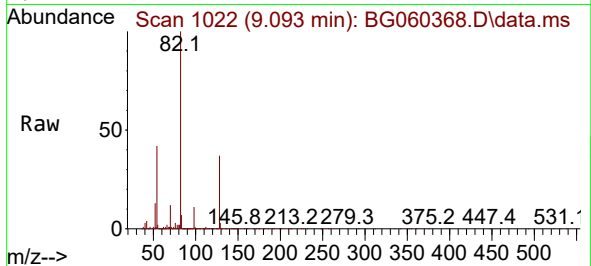




#23
Nitrobenzene-d5
Concen: 74.920 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BG060368.D
Acq: 19 Jan 2024 14:18

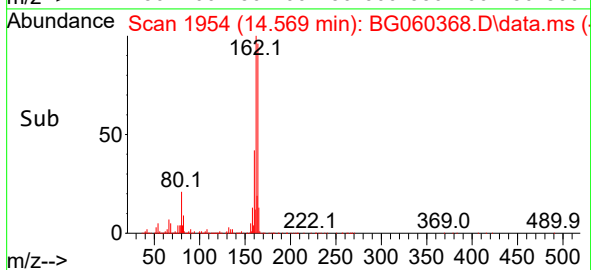
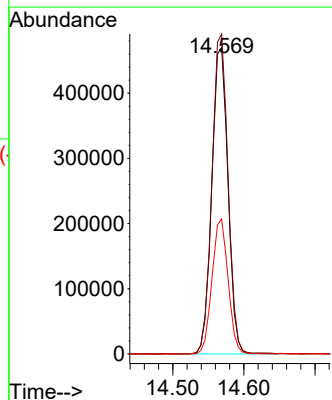
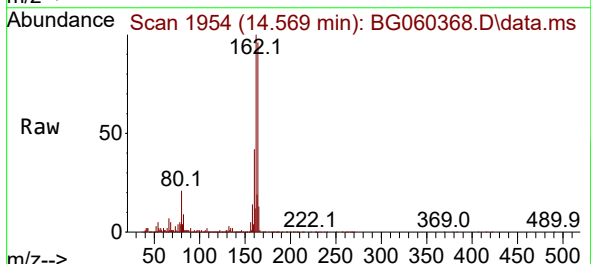
Instrument :
BNA_G
ClientSampleId :
MR-305-25-27

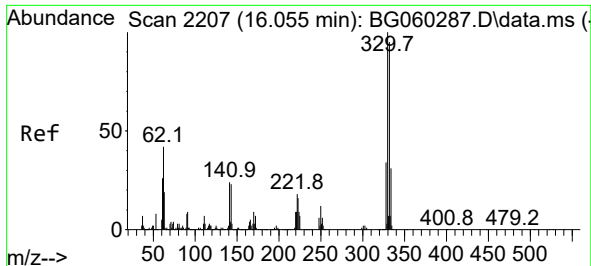
Tgt Ion: 82 Resp: 1598485
Ion Ratio Lower Upper
82 100
128 37.5 29.6 44.4
54 42.5 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BG060368.D
Acq: 19 Jan 2024 14:18

Tgt Ion:164 Resp: 742689
Ion Ratio Lower Upper
164 100
162 104.3 84.4 126.6
160 44.0 34.6 52.0

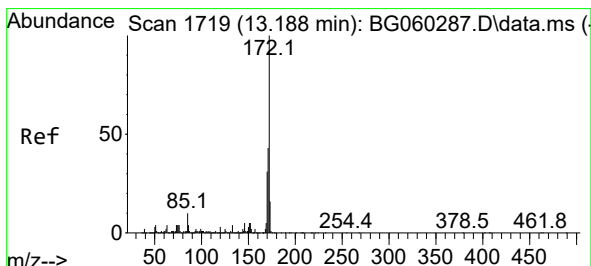
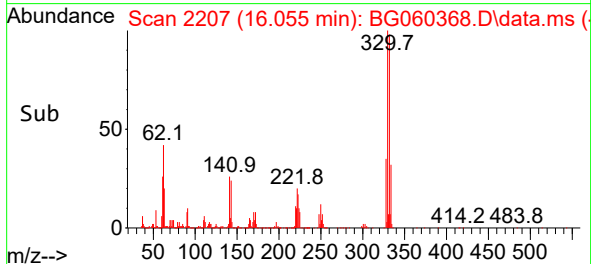
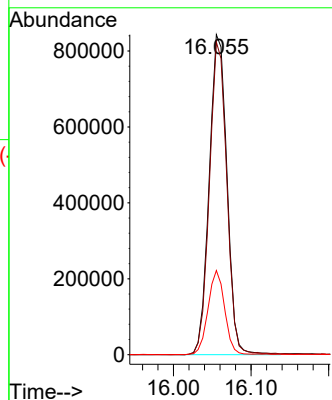
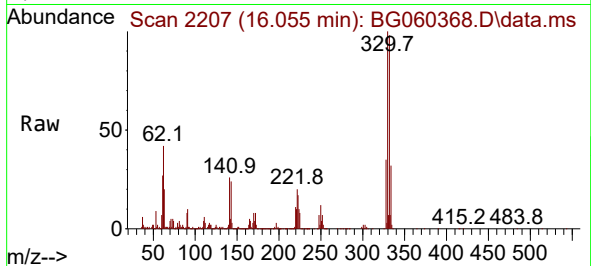




#42
2,4,6-Tribromophenol
Concen: 122.679 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060368.D
Acq: 19 Jan 2024 14:18

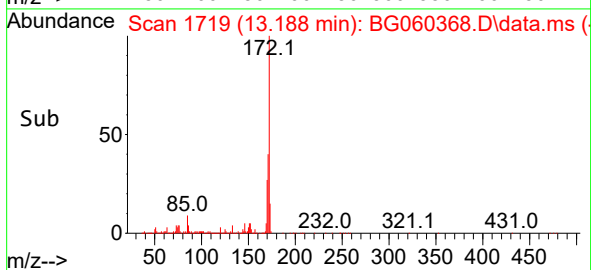
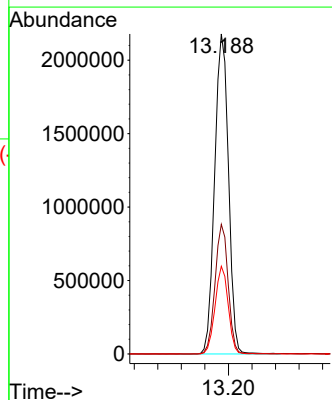
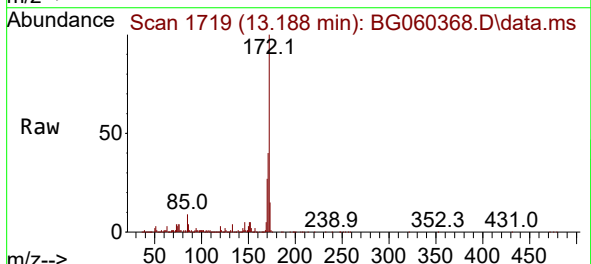
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BNA_G
ClientSampleId :
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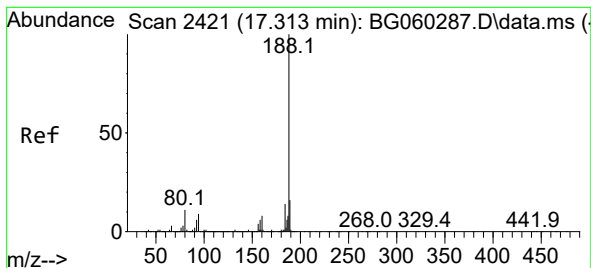
Tgt Ion:330 Resp: 1340522
Ion Ratio Lower Upper
330 100
332 95.8 76.7 115.1
141 24.7 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 66.500 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BG060368.D
Acq: 19 Jan 2024 14:18

Tgt Ion:172 Resp: 3552365
Ion Ratio Lower Upper
172 100
171 40.5 34.6 51.8
170 27.4 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.313 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BG060368.D

Acq: 19 Jan 2024 14:18

Instrument :

BNA_G

ClientSampleId :

MR-305-25-27

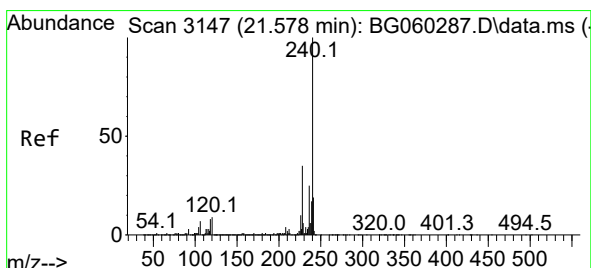
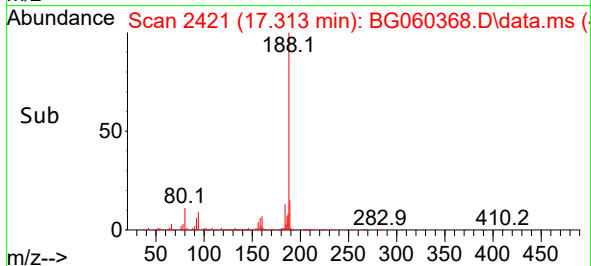
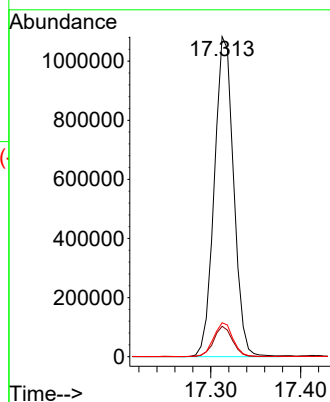
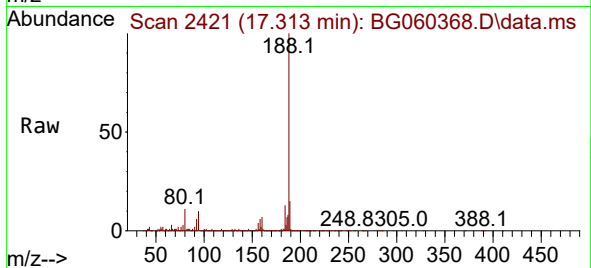
Tgt Ion:188 Resp: 1618412

Ion Ratio Lower Upper

188 100

94 9.5 7.1 10.7

80 10.6 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.578 min Scan# 3147

Delta R.T. -0.000 min

Lab File: BG060368.D

Acq: 19 Jan 2024 14:18

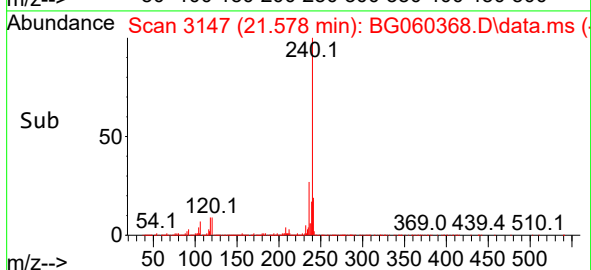
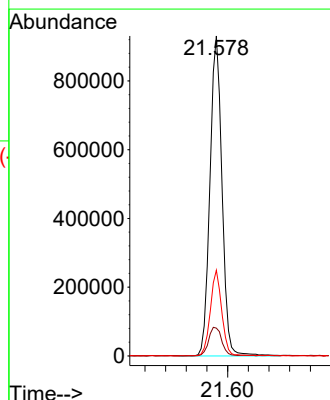
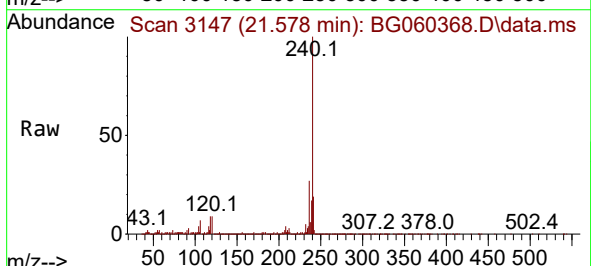
Tgt Ion:240 Resp: 1503234

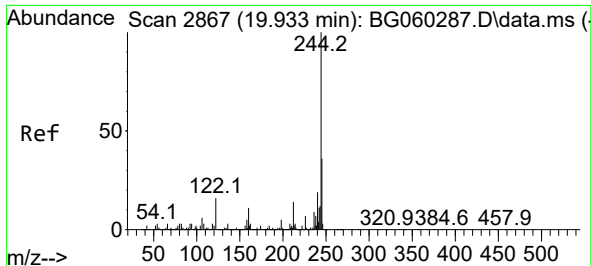
Ion Ratio Lower Upper

240 100

120 8.7 7.3 10.9

236 26.8 20.3 30.5

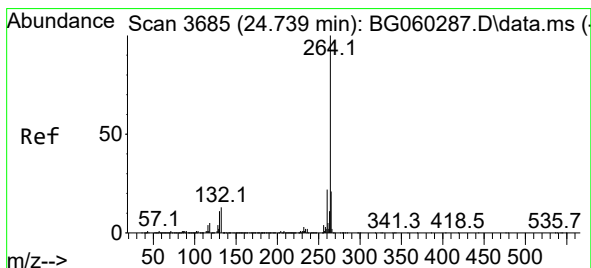
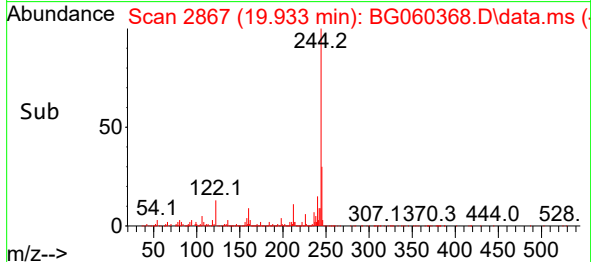
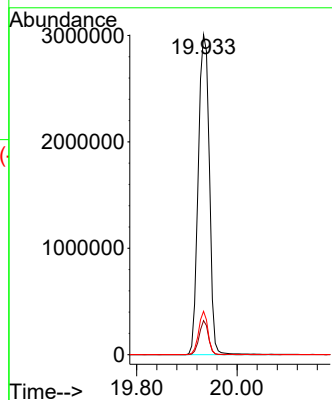
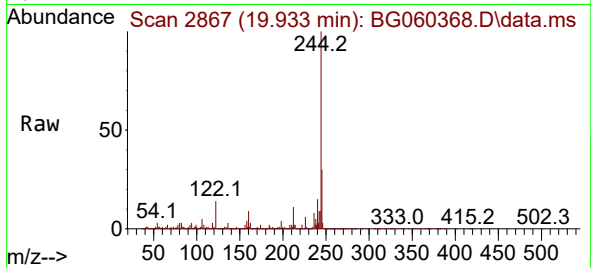




#79
 Terphenyl-d14
 Concen: 73.428 ng
 RT: 19.933 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG060368.D
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Instrument :
 BNA_G
 ClientSampleId :
 MR-305-25-27

Tgt Ion:244 Resp: 4605805
 Ion Ratio Lower Upper
 244 100
 212 10.7 10.9 16.3#
 122 13.5 12.6 18.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.745 min Scan# 3686
 Delta R.T. 0.006 min
 Lab File: BG060368.D
 Acq: 19 Jan 2024 14:18

Tgt Ion:264 Resp: 1742351
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.8 26.6
 265 21.0 16.8 25.2

